

Fig. 1

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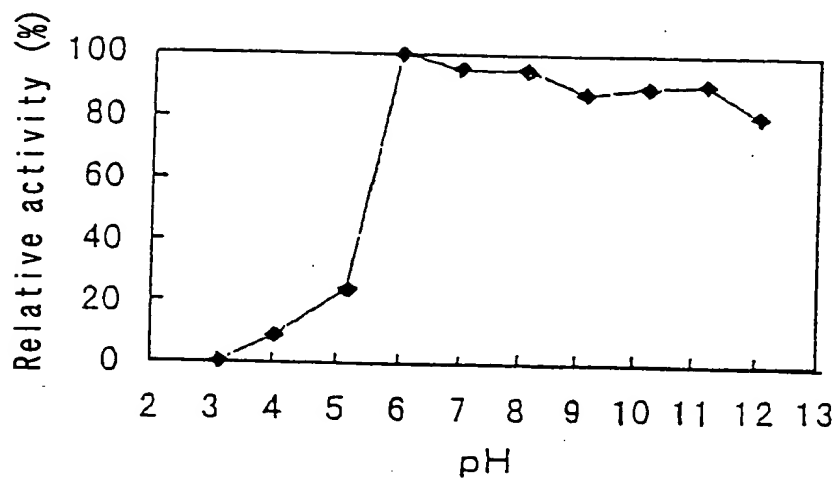


Fig. 2

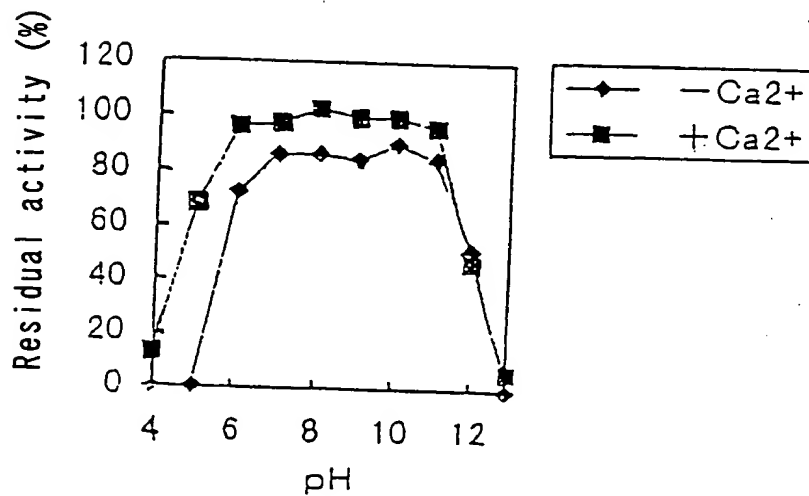


Fig. 3

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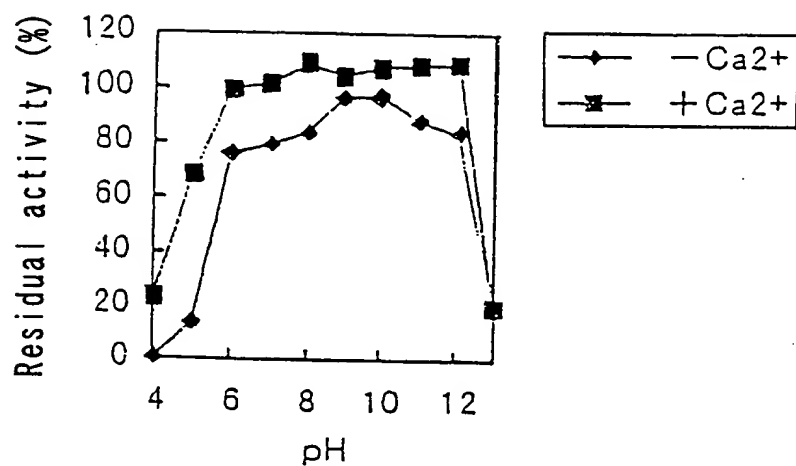


Fig. 4

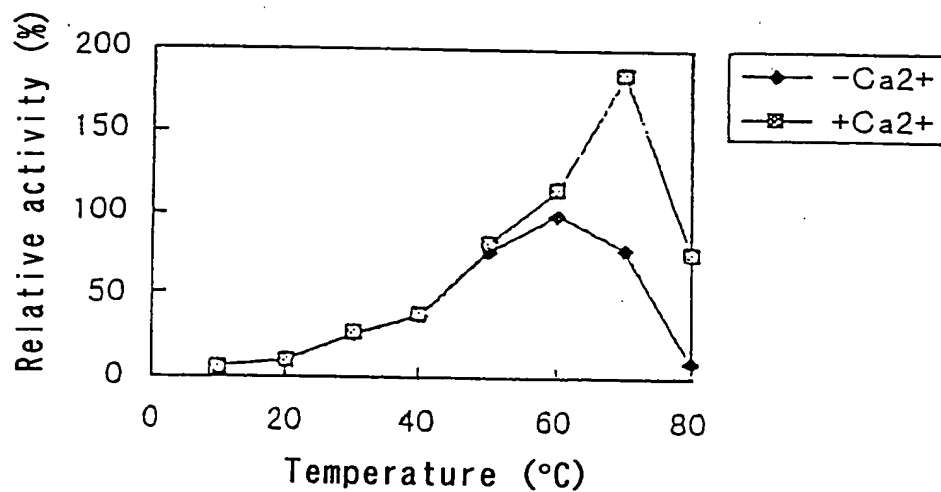


Fig. 5

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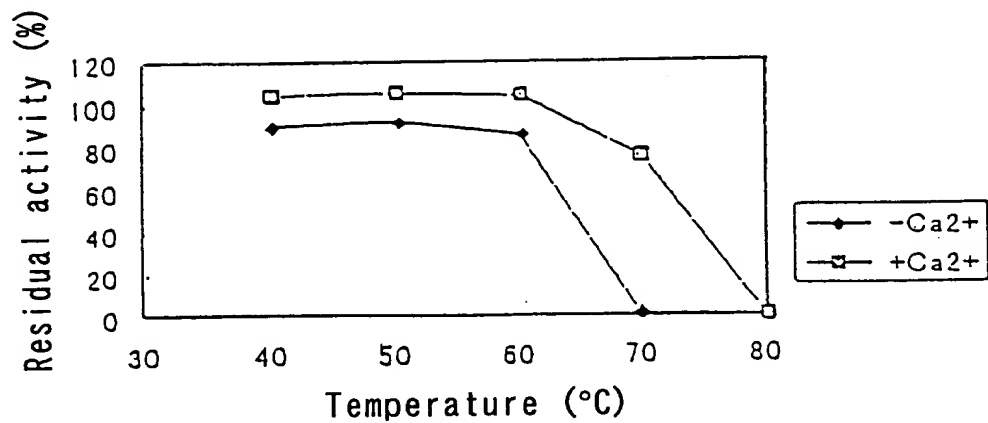
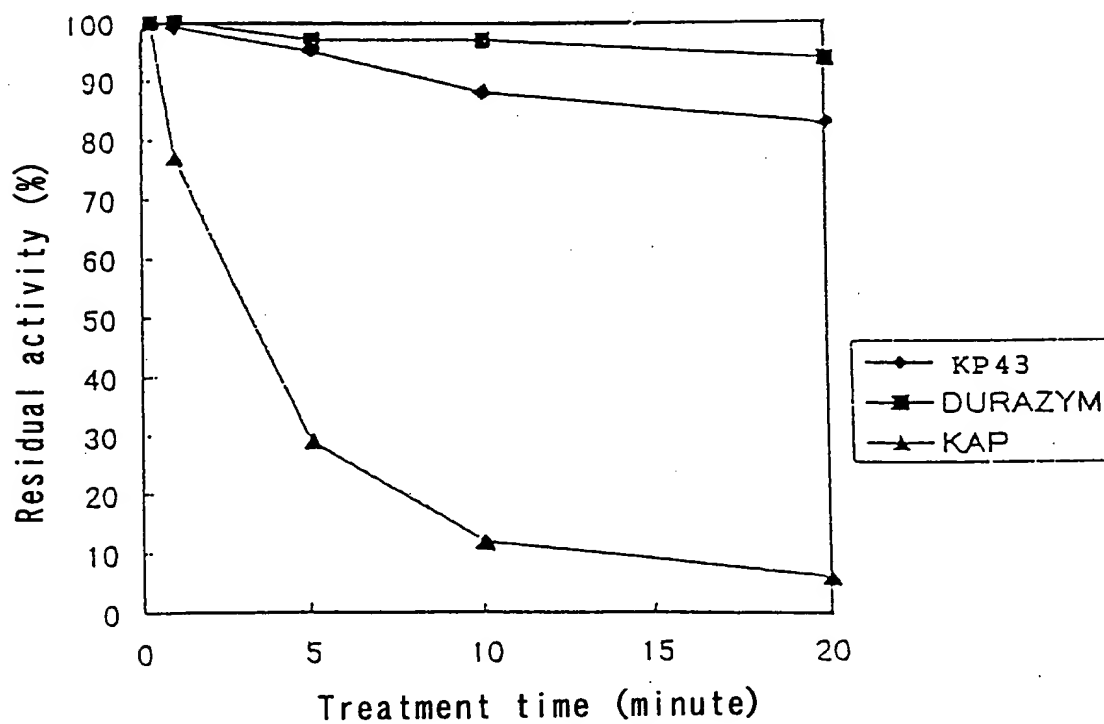


Fig. 6



Stability to an oxidant (50 mM H₂O₂)

Fig. 7

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N-terminal sequence of KP-9860 protease	NDVARHIVKADVAQSSYGLY
N-terminal sequence of 15kDa partially degraded product	GIVKADVAQSSYGL
N-terminal sequence of 18kDa partially degraded product	IKPDVMAFGTYIL
N-terminal sequence of 25kDa partially degraded product	NAITVGATENLRPSFGSYAD
N-terminal sequence of 28kDa partially degraded product	KNDMVILFAAGNEGPN

0000054 00004
00000 00000

Fig. 8

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9860-N2

	I	V	K	A	D	V	A	Q	
5'	ATT	GTT	AAA	GCT	GAT	GTT	GCT	CAA	3'
	C	C	G	C	C	G	C	G	
	A	A		A		A	A		
		G		G		G	G		

9860-18k-RV

3'	TAT	TTT	GGT	CTA	CAT	TAC	CGT	GG	5'
	A	C	C	G	C		C		
	G		A		A		A		
			G		G		G		

9860-18k

	I	K	P	D	V	M	A	P	
5'	ATT	AAA	CCT	GAT	GTT	ATG	GCT	CC	3'
	C	G	C	C	C		C		
	A		A		A		A		
			G		G		G		

9860-25k-RV

3'	TTA	CGT	TAT	TGT	CAT	CCT	CGT	TGT	5'
	G	C	A	C	C	C	C	C	
		A	G	A	A	A	A	A	
		G		G	G	G	G	G	

9860-25k

	N	A	I	T	V	G	A	T	E	N
5'	ATT	ACT	GTT	GGT	GCT	ACT	GAA	AA	3'	
	C	C	C	C	C	C	C	G		
	A	A	A	A	A	A	A			
		G	G	G	G	G	G			

9860-28k-RV

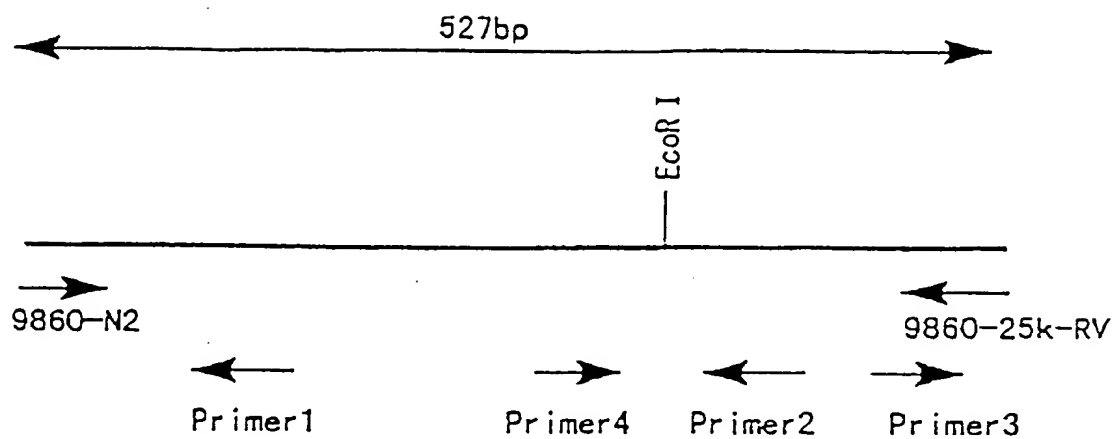
3'	TTA	CTA	TAC	CAT	TAT	AAT	AAA	CG	5'
	G	G		C	A	G	C	G	
				A	G	A			
				G		G			

9860-28k

	N	D	M	V	I	L	F	A	
5'	AAT	GAT	ATG	GTT	ATT	TTT	TTT	GC	3'
	C	C		C	C	C	C		
				A	A	A			
				G		G			

Fig. 9

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Primer1 : TCGGCAACTGCGACAATCTGG

Primer2 : TCTGGAATCTGTCGTGTAGGC

Primer3 : AACGGCGGTACCATCAGTGC

Primer4 : GGAGGCTTGCCTTCCAATCTG